



Virginia Department of  
Emergency Management

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# PSAP Grant Committee

Date: July 1, 2021

# Agenda

1. Call Meeting to Order
2. Approval of May 6, 2021 Minutes
3. NG9-1-1 Deployment Update
4. NG9-1-1 Funding Award Amendments
5. Old Business
6. New Business
7. PGC Report to the Board
8. Public Comment
9. Adjourn Meeting





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# NG9-1-1 Deployment Updates

# Changing Outcomes – NG9-1-1

- ***Honestly discuss*** questions, problems, challenges and strategies
- Sometimes we all need to ***hear the information again***
- Identify ***common goals***
- Sometimes we need ***strategic resources***, other times we need ***tactical resources***
- Continue to ***develop and refine*** resources
- Keep moving ***forward***



# Phased Approach to NG9-1-1

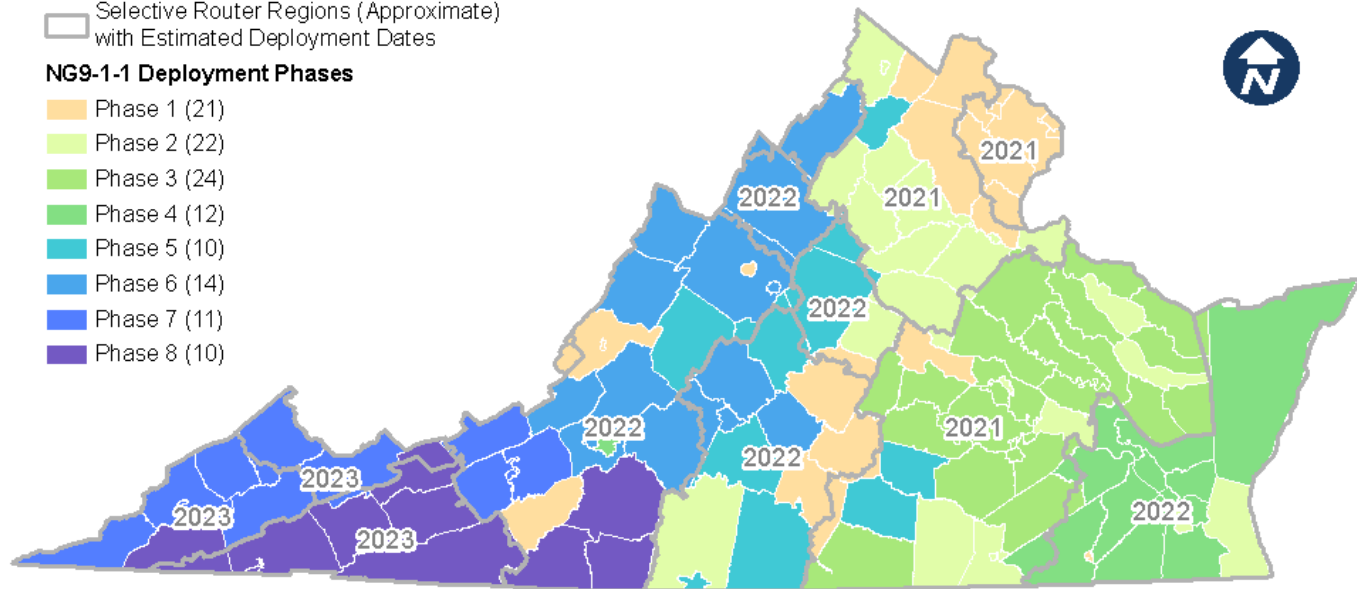
## Virginia Next Generation 9-1-1 Deployment Phases

9-1-1 & Geospatial Services Bureau

Selective Router Regions (Approximate)  
with Estimated Deployment Dates

### NG9-1-1 Deployment Phases

- Phase 1 (21)
- Phase 2 (22)
- Phase 3 (24)
- Phase 4 (12)
- Phase 5 (10)
- Phase 6 (14)
- Phase 7 (11)
- Phase 8 (10)



0 75 150 300 Miles

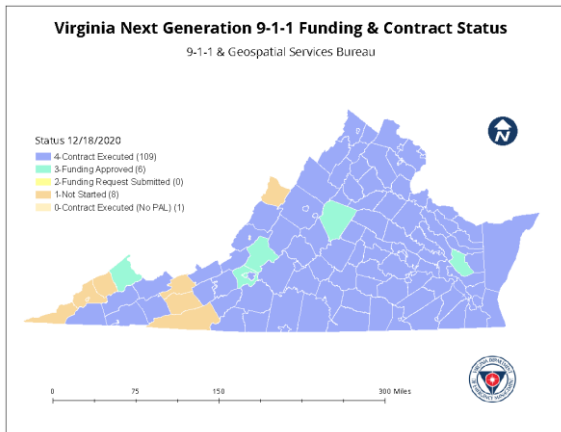


Last Updated March 2021

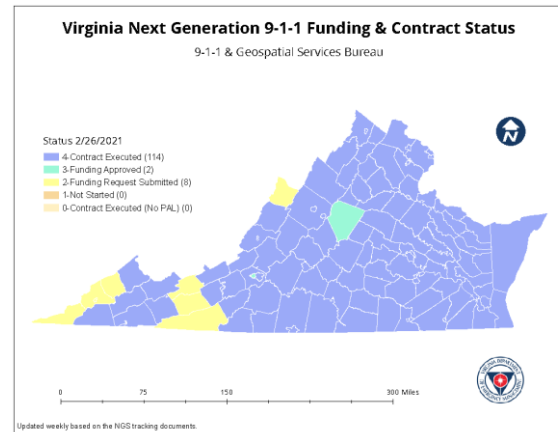


# Funding and Contract Status

December 2020

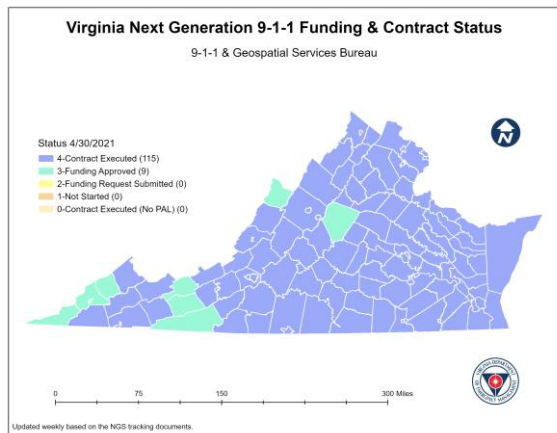


February 2021

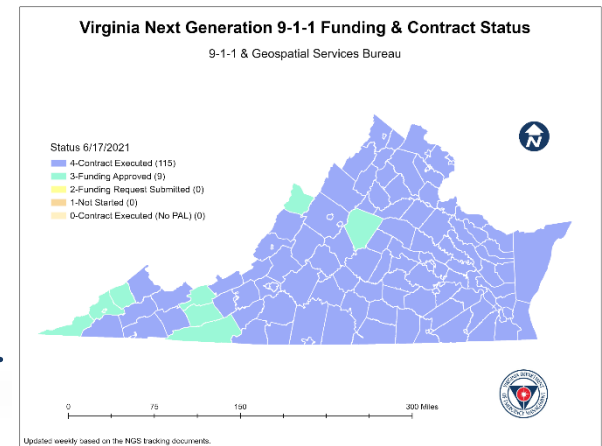


- *Contract Executed*
- *Funding Approved*
- *Funding Requested*
- *Not Started*

April 2021

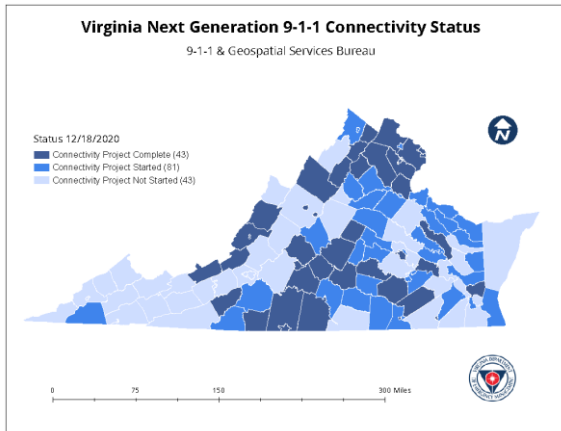


June 2021

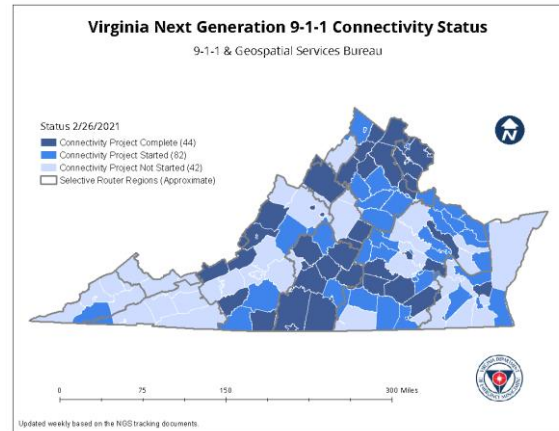


# Connectivity Status

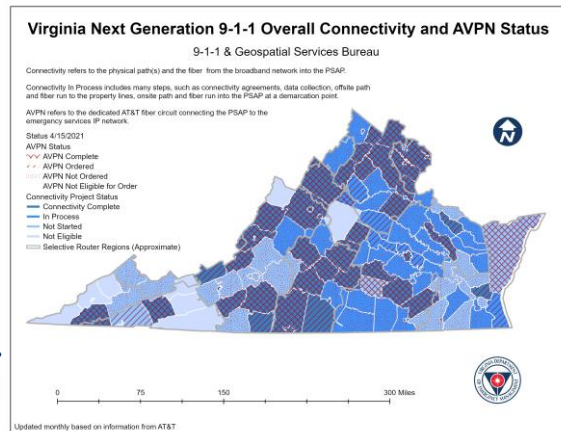
December 2020



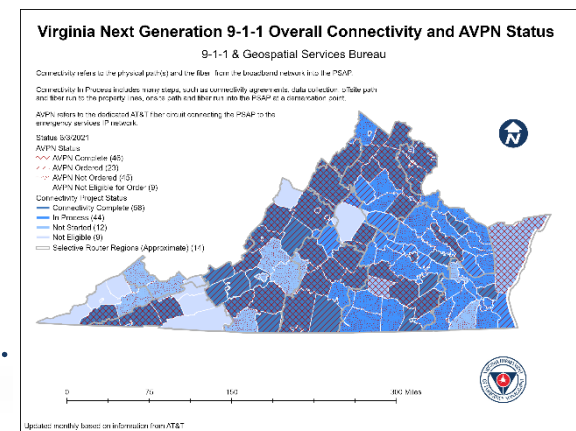
February 2020



April 2021

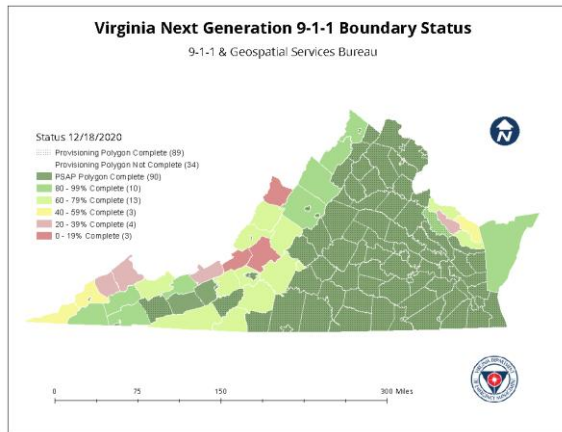


June 2021

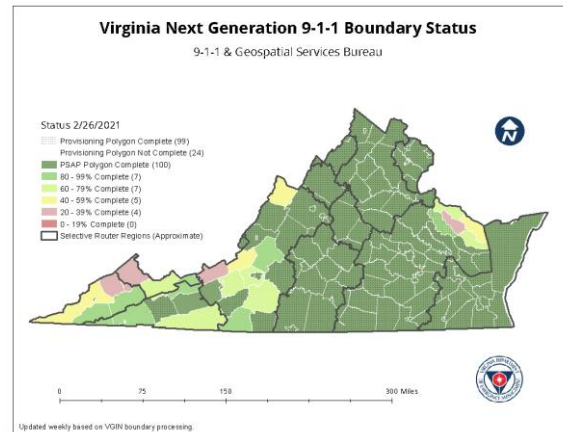


# NG9-1-1 Boundaries

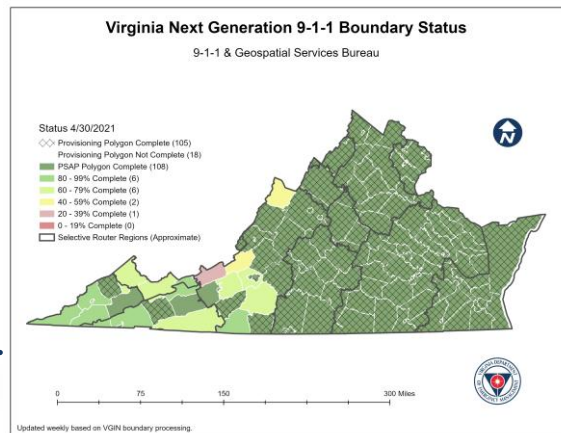
December 2020



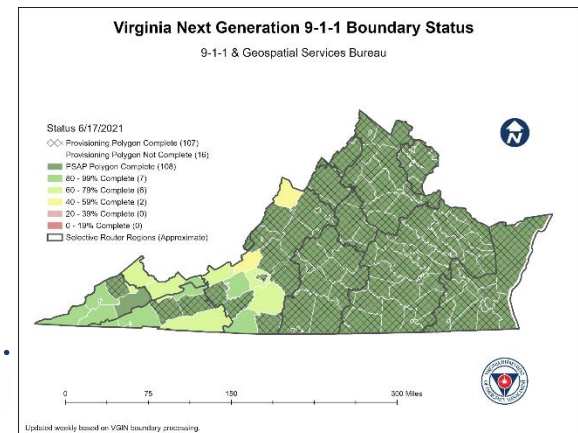
February 2021



April 2021



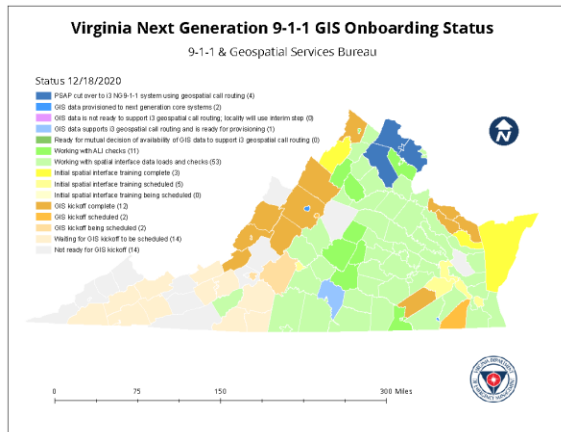
June 2021



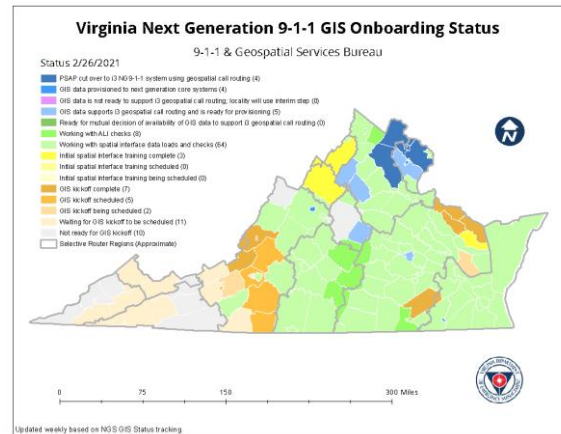


# GIS Onboarding Status

December 2020

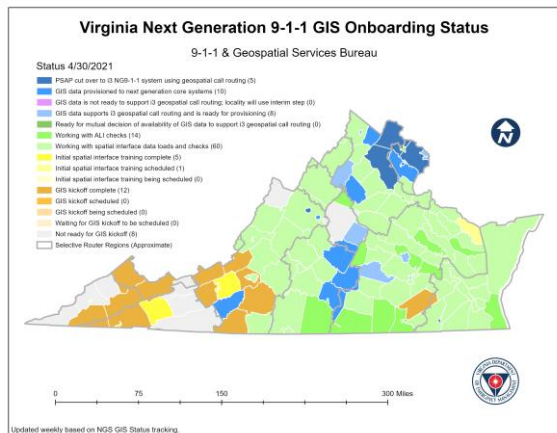


February 2021

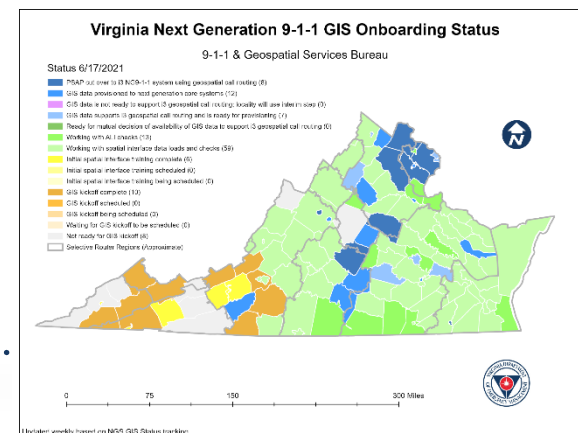


- *Blue: Post-Check*
- *Green: Working with Checks*
- *Yellow: Training and Before*

April 2021



June 2021



# Coordination w/ CHE Maintenance Providers

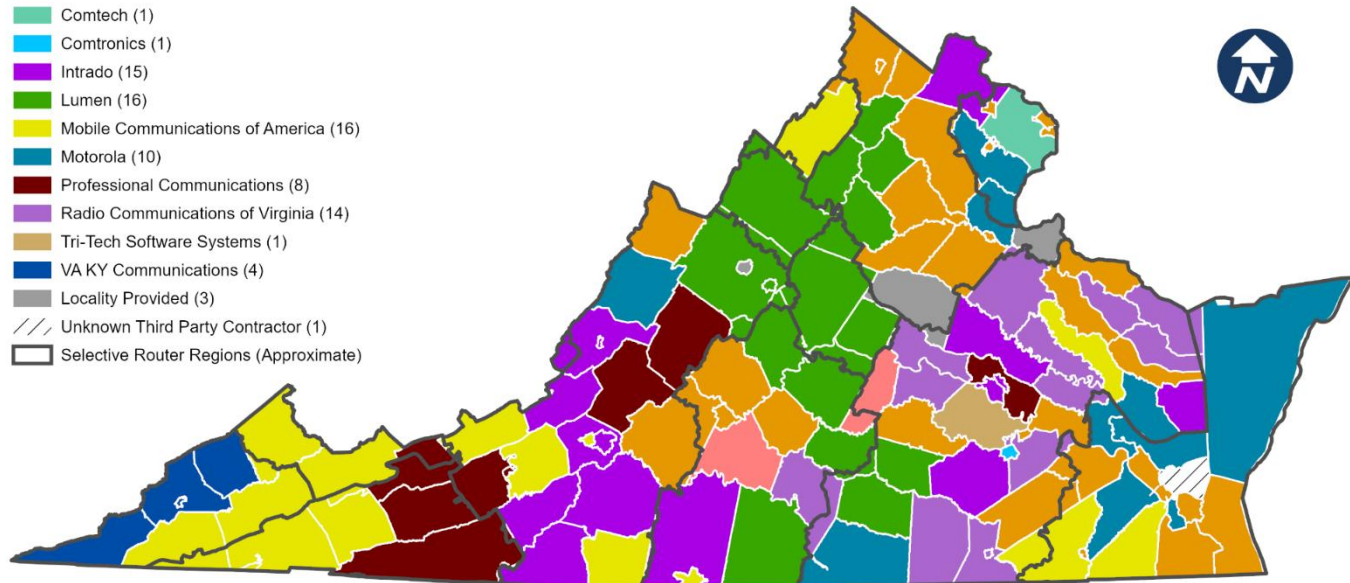
## Virginia Next Generation 9-1-1 CHE Maintenance

9-1-1 & Geospatial Services Bureau

Status 6/17/2021

### CHE Maintenance Provider

- Carousel Industries (32)
- Central Square (2)
- Comtech (1)
- Comtronics (1)
- Intrado (15)
- Lumen (16)
- Mobile Communications of America (16)
- Motorola (10)
- Professional Communications (8)
- Radio Communications of Virginia (14)
- Tri-Tech Software Systems (1)
- VA KY Communications (4)
- Locality Provided (3)
- /// Unknown Third Party Contractor (1)
- Selective Router Regions (Approximate)



Updated weekly based on the NGS Locality Profile.

# CHE Steps to Deployment

- Upgrading or replacing out of date hardware or software
- Obtain firewalls and routers for the CHE
- Configure CHE for i3 (1-2 days)
- Perform call through testing (<1 day)
- Schedule Operational Readiness Testing (5 days)
- PSAP Cutover to ESINET (1 day)
- Text to 9-1-1 Cutover ~30 days after ESINET cut (<1 day)
- **TOTAL: ~8 days per PSAP**
  - for configuration, testing and cutover



# Working with CHE Providers to Scope Statewide Resources

- Motorola – 8 days/PSAP x ~80 PSAPS = 640+ staff days
- Intrado – 8 days/PSAP x ~30 PSAPs = 240+ staff days
- Note: 1 person every day every week = 260 staff days (doesn't take into acct. holidays, leave, or scheduling conflicts)
- Coordination and understanding expectations helps with:
  - Providing the manufacturers and channels with an order of magnitude for scheduling and staffing requirements.
  - Coordinating the phased deployment
  - Breaking the work into smaller blocks of time and smaller deliverables

NGS Staff interacting regularly with CHE manufacturers and maintenance channels to continually improve the process.



# Takeways: Scheduling Expectations

- July – September
  - Phase 1 - Complete outstanding CHE work, ORTs and cutovers
  - Phase 2 - Schedule and complete Phase 2 CHE work
- October – December
  - Phase 2 – complete ORTs and cutovers
  - Phases 3 & 4 - Use the end of the year to complete as much as possible for CHE configuration and call-through testing.
  - Put items in place to hit the ground running for deployments in Phases 3 and 4 as we move into the first half of 2022.





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# NG9-1-1 Funding Award Amendments

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PSAP	Cost Category	Amount of Request	Original Project Cost	New Project Cost	Total Funding Provided To Date	Total Funding Post-Board Approval	Percent Increase (Category Total)	Percent Increase (Project Total)
Louisa	CHE i3 Services	\$568.87	\$34,382.15	\$34,951.02	\$376,425.89	\$376,994.76	2%	0%
Culpeper	CHE i3 Services	\$7,245.26	\$33,498.57	\$40,743.83	\$516,416.73	\$523,661.99	18%	1%
MWAA	CHE i3 Services	\$3,648.00	\$15,000.00	\$18,648.00	\$118,362.40	\$122,010.40	20%	3%
Richmond Ambulance Authority	CHE i3 Services	\$24,546.80	\$47,406.80	\$71,953.60	\$492,884.57	\$517,431.37	34%	5%
Dinwiddie	NG9-1-1 GIS	\$24,608.14	\$31,224.85	\$55,832.99	\$746,245.33	\$770,853.47	44%	3%
Louisa	CHE i3 Services	\$13,992.64	\$34,951.02	\$48,943.66	\$376,994.76	\$390,987.40	29%	4%
Wythe	Text to 9-1-1	\$600.00	\$15,000.00	\$15,600.00	\$386,136.00	\$386,736.00	4%	0%
Colonial Heights	CHE i3 Services	\$9,588.00	\$30,000.00	\$39,588.00	\$338,016.80	\$347,604.80	24%	3%
Campbell	CHE i3 Services	\$2,037.12	\$30,000.00	\$32,037.12	\$438,946.70	\$440,983.82	6%	0%



# 10% Rule – Award Amendment Threshold

- Since the 10% rule was constituted by the Board in September, 2020, the Board will need to take action on award amendments in which the increased cost would exceed 10% of the total project cost. However, since the PSAP Grant Committee is provides guidance and recommendation on amendments prior to Board consideration and approval, staff is providing the PSAP Grant Committee with an opportunity to provide their input to the Board on a recommended path forward for which amendments would need to come to the Board (AND the Grant Committee) for review, and which amendments could handled administratively by staff.
- Staff is recommending that the 10% rule be amended to state that staff may make administrative amendments for all requests of less than \$50,000, and for any requests greater than \$50,000 which are less than 10% of the PSAP's total project cost.

This would place all amendments of >\$50,000 that are also more than 10% of the project cost under the review of the PSAP Grant Committee and the Board.

Staff is requesting concurrence with this recommendation, or a substitute recommendation that could be presented to the Board for review.







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# Old Business



# FY22 PEP Grant Application

- It was recently learned that a FY22 PEP grant application submitted by Pulaski County in the amount of \$3,000 did not come through the VDEM grants mailbox when it was submitted. This resulted in Pulaski not receiving PEP grant funding for an application that met all of the Guidelines in its submission.
- Staff is recommending that the FY22 PEP grant application received from Pulaski be approved by the Board and is seeking PGC concurrence with staff's recommendation.





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# New Business





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# PGC Report to the Board



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# Public Comment

# Questions?



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# THANK YOU!

